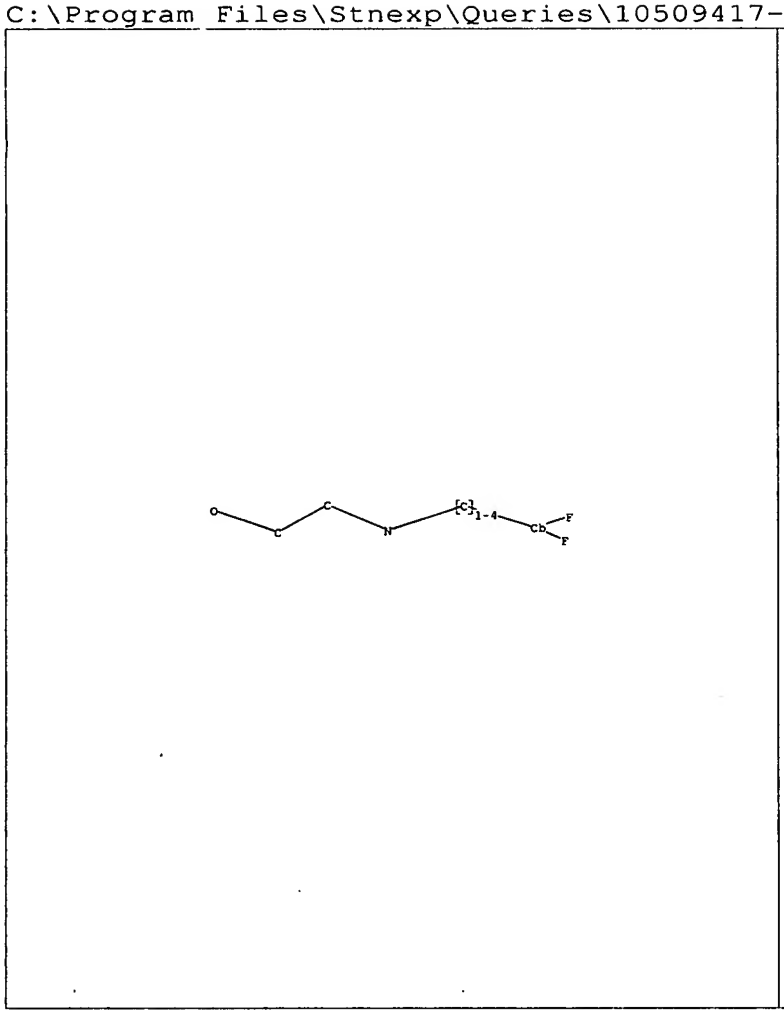
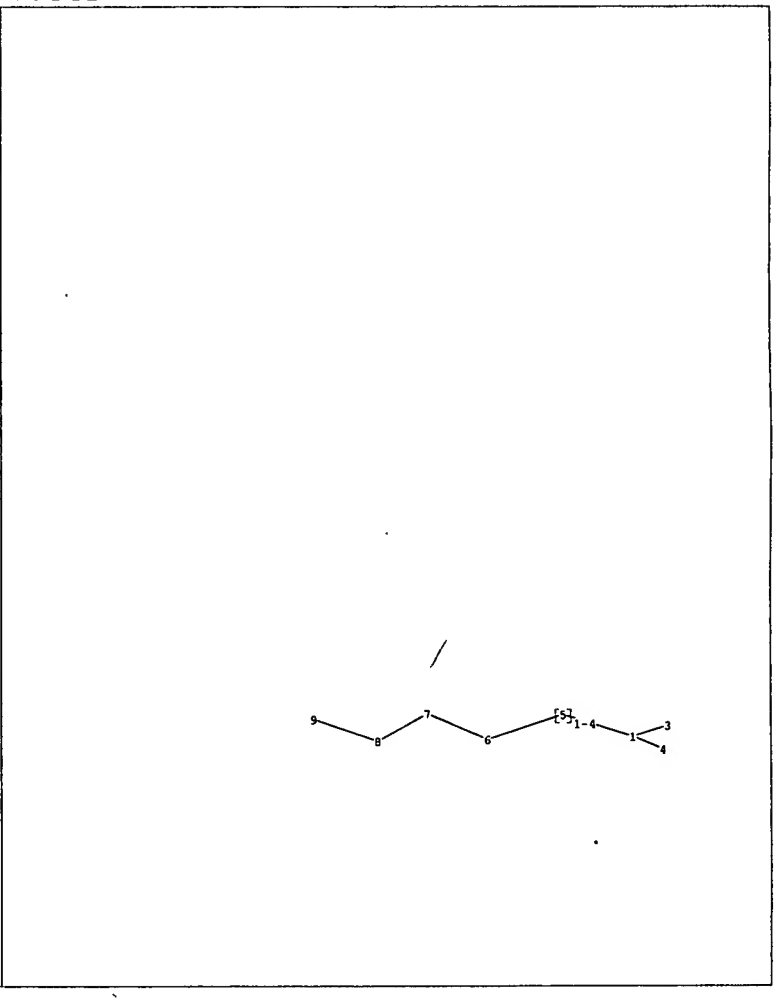
C:\Program Files\Stnexp\Queries\10509417-V.str



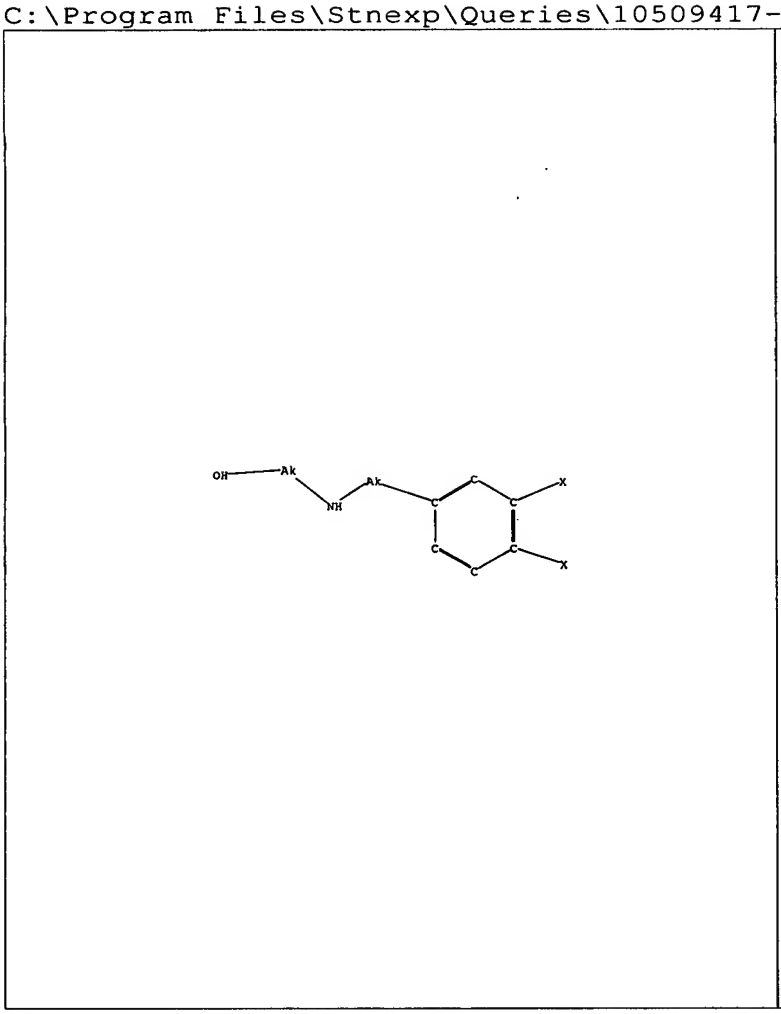


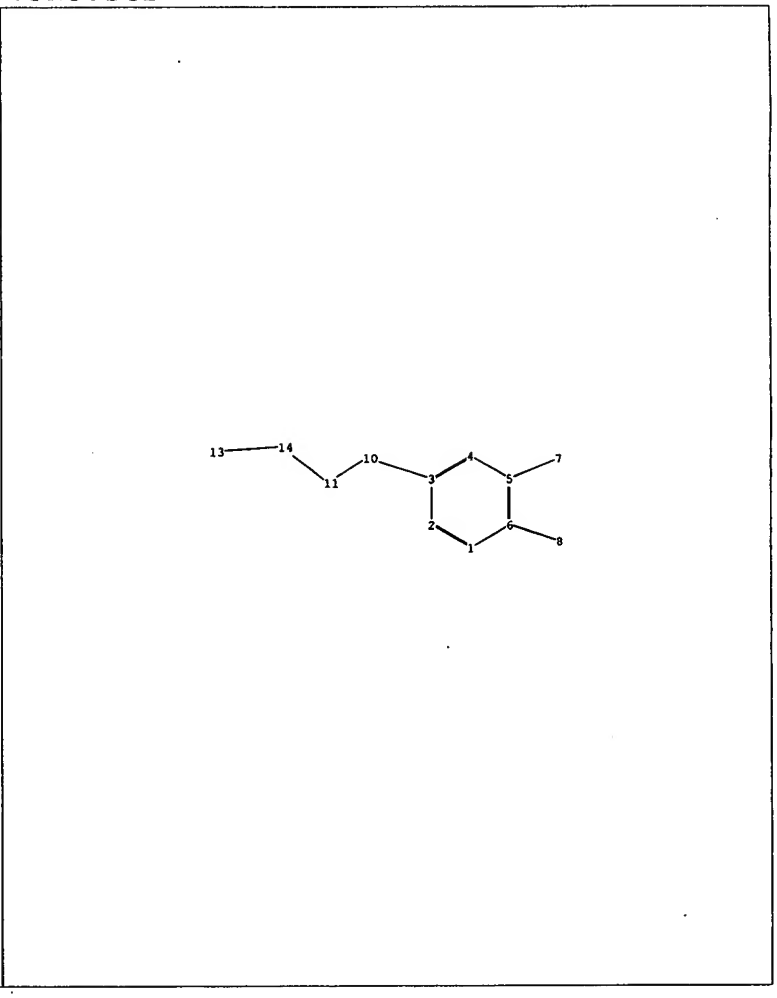
chain nodes :
1 3 4 5
ring/chain nodes :
6 7 8 9
chain bonds :
1-3 1-4 1-5 5-6
ring/chain bonds :
6-7 7-8 8-9
exact/norm bonds :
5-6 6-7 7-8 8-9
exact bonds :
1-3 1-4 1-5

Match level :
1:Atom 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
Generic attributes :
1:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :
Node 1: Limited
C,C6

C:\Program Files\Stnexp\Queries\10509417-VFN5.str

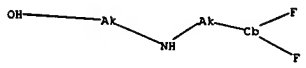


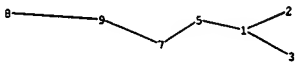


chain nodes :
7 8 10 11 13 14
ring nodes :
1 2 3 4 5 6
chain bonds :
3-10 5-7 6-8 10-11 11-14 13-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
3-10 10-11 11-14 13-14
exact bonds :
5-7 6-8
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Connectivity :
10:2 E exact RC ring/chain 14:2 E exact RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS
11:CLASS 13:CLASS 14:CLASS

C:\Program Files\Stnexp\Queries\10509417-VN5.str



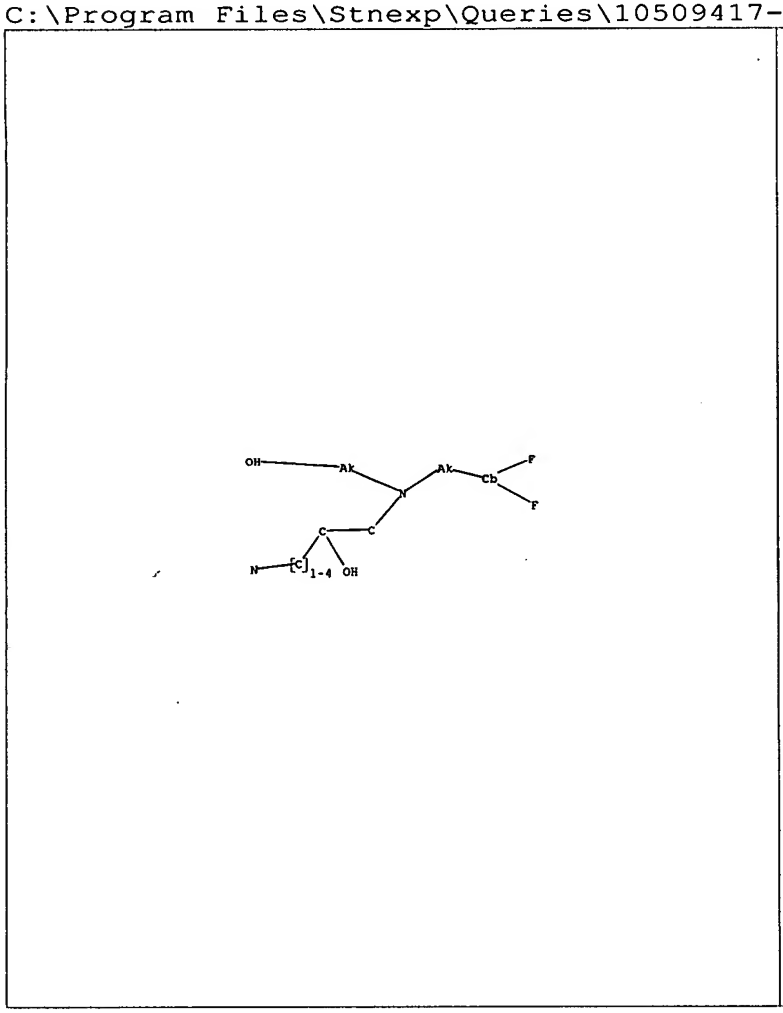


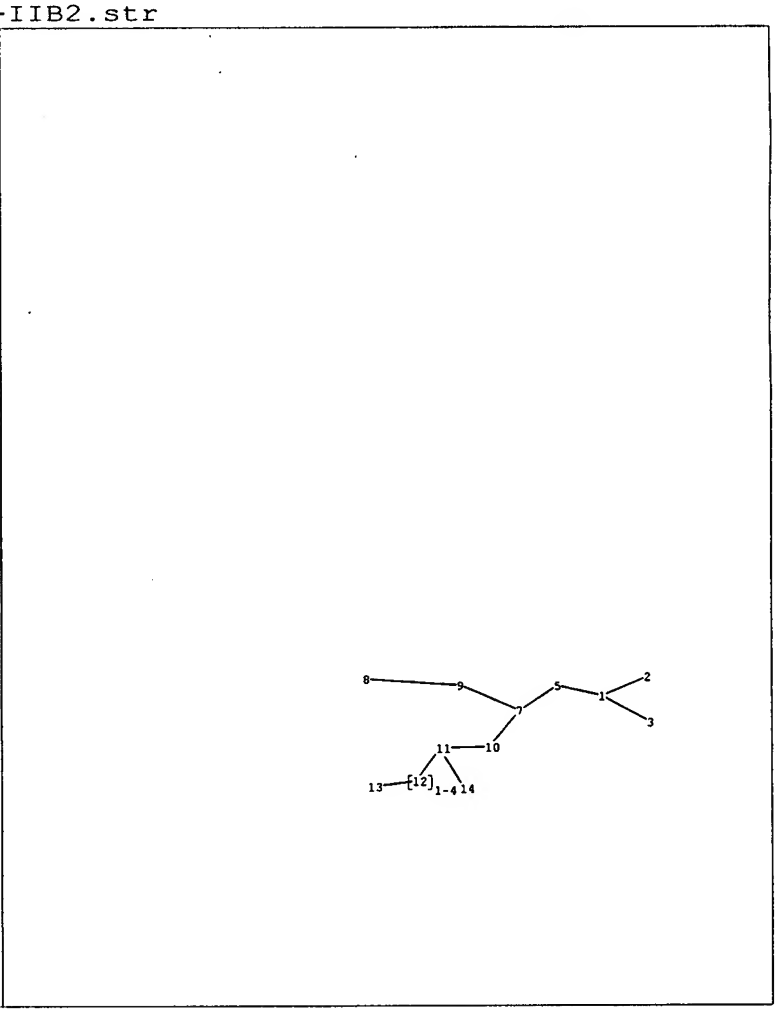
chain nodes :
1 2 3 5 7 8 9
chain bonds :
1-2 1-3 1-5 5-7 7-9 8-9
exact/norm bonds :
1-5 5-7 7-9 8-9
exact bonds :
1-2 1-3

Connectivity :
5:2 E exact RC ring/chain 9:2 E exact RC ring/chain
Match level :
1:Atom 2:CLASS 3:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS
Generic attributes :
1:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :
Node 1: Limited
C,C6

C:\Program Files\Stnexp\Queries\10509417-IIB2.str



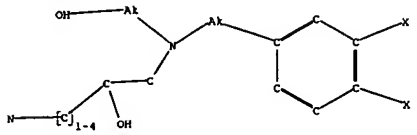


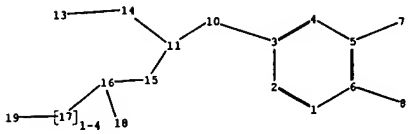
chain nodes :
1 2 3 5 7 8 9 10 11 12 13 14
chain bonds :
1-2 1-3 1-5 5-7 7-9 7-10 8-9 10-11 11-12 11-14 12-13
exact/norm bonds :
1-5 5-7 7-9 7-10 8-9 11-14 12-13
exact bonds :
1-2 1-3 10-11 11-12

Connectivity :
5:2 E exact RC ring/chain 9:2 E exact RC ring/chain
Match level :
1:Atom 2:CLASS 3:CLASS 5:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS
Generic attributes :
1:
Saturation : Unsaturated
Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :
Node 1: Limited
C,C6

C:\Program Files\Stnexp\Queries\10509417-IIBX2.str

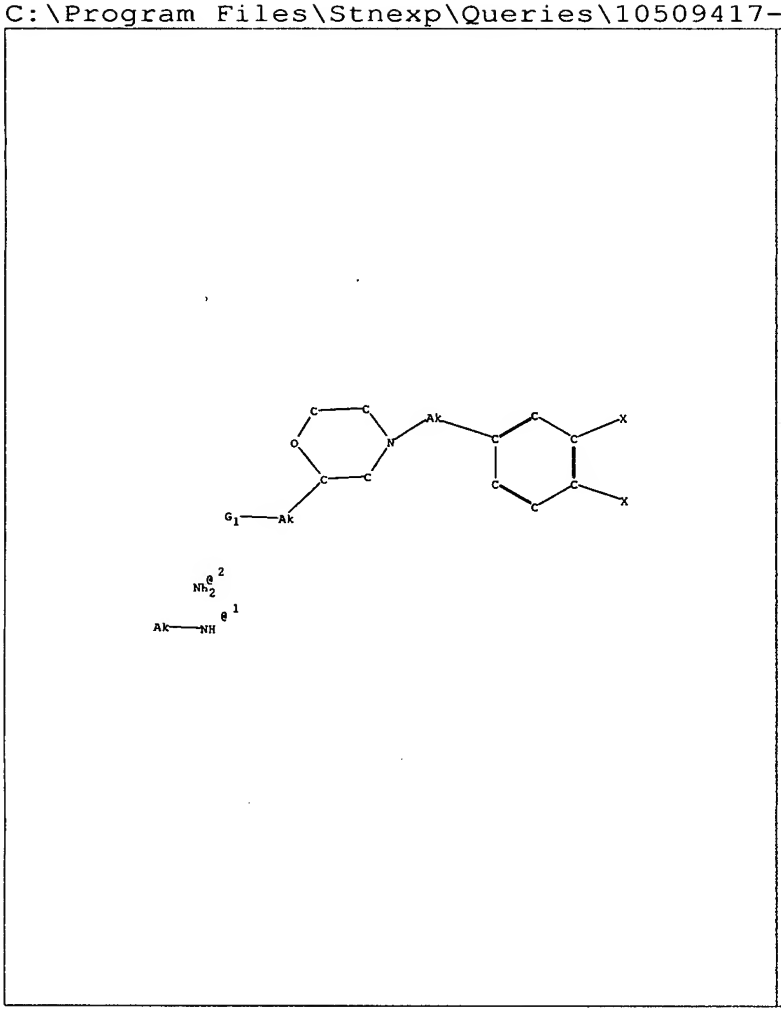


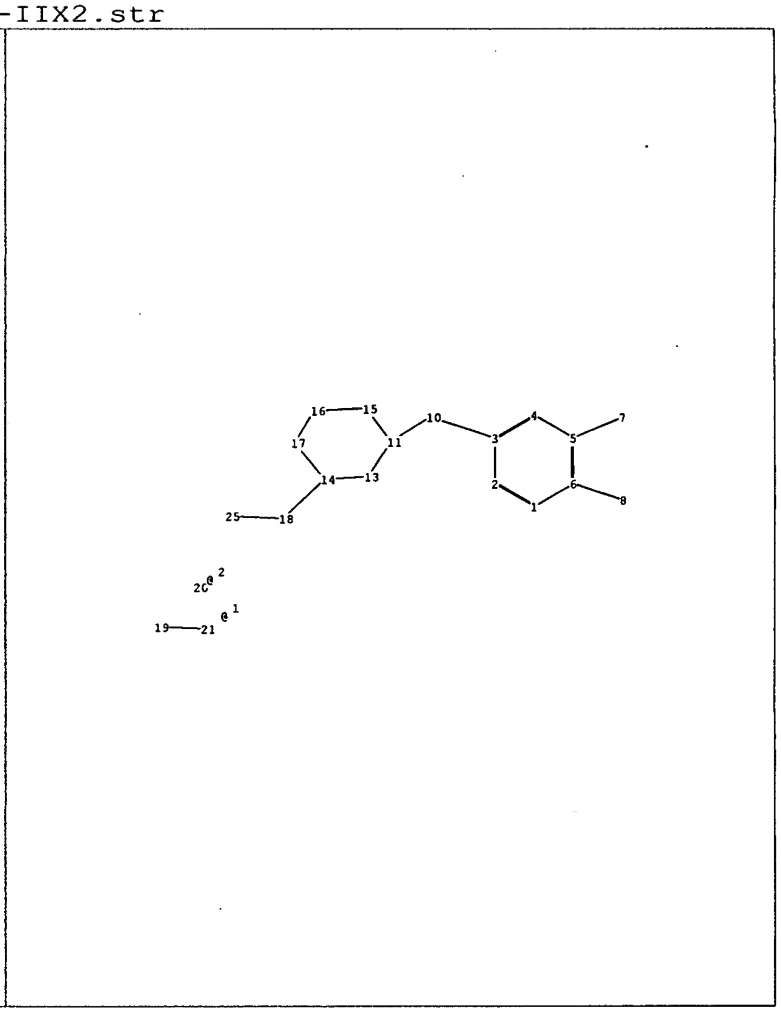


chain nodes :
7 8 10 11 13 14 15 16 17 18 19
ring nodes :
1 2 3 4 5 6
chain bonds :
3-10 5-7 6-8 10-11 11-14 11-15 13-14 15-16 16-17 16-18 17-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
3-10 10-11 11-14 11-15 13-14 16-18 17-19
exact bonds :
5-7 6-8 15-16 16-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Connectivity :
10:2 E exact RC ring/chain 14:2 E exact RC ring/chain
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 10:CLASS
11:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS

C:\Program Files\Stnexp\Queries\10509417-IIX2.str



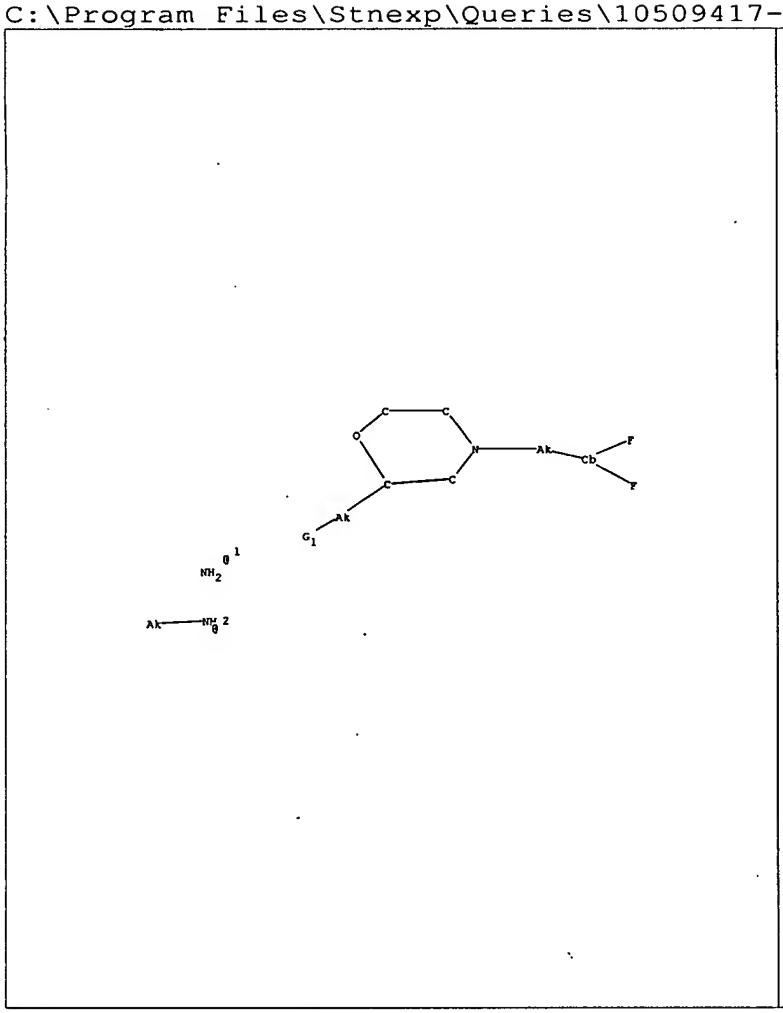


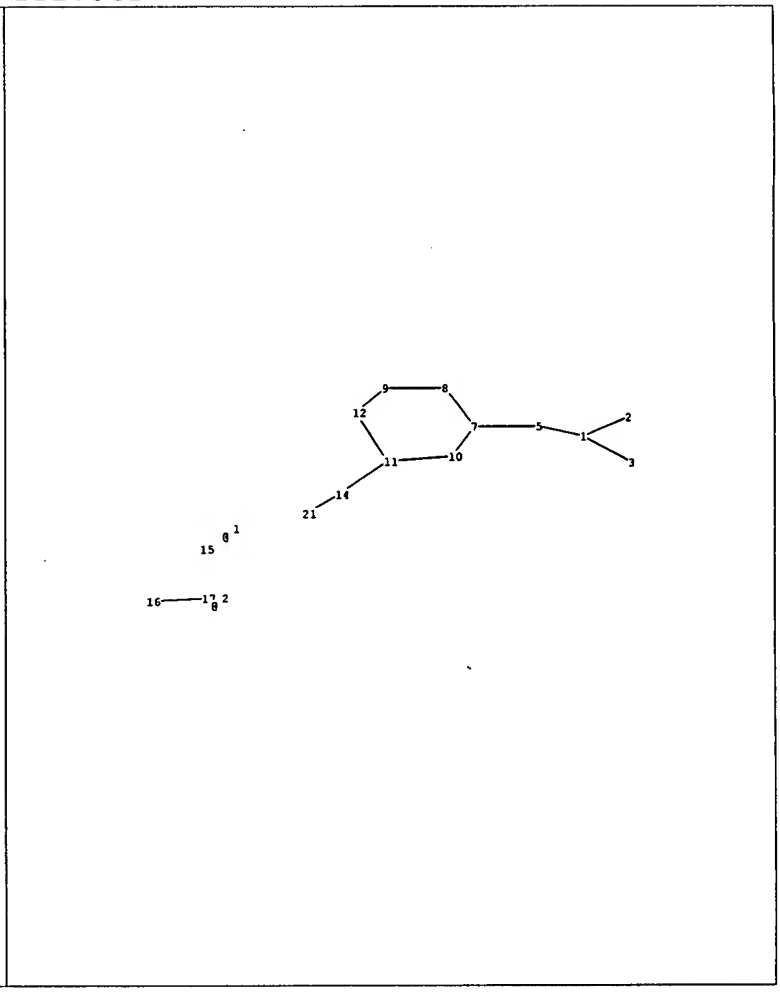
```
chain nodes :
    7  8  10  18  19  20  21  25
ring nodes :
    1  2  3  4  5  6  11  13  14  15  16  17
chain bonds :
    3-10  5-7  6-8  10-11  14-18  18-25  19-21
ring bonds :
    1-2  1-6  2-3  3-4  4-5  5-6  11-13  11-15  13-14  14-17  15-16  16-17
exact/norm bonds :
    3-10  10-11  11-13  11-15  13-14  14-17  14-18  15-16  16-17  18-25  19-21
exact bonds :
    5-7  6-8
normalized bonds :
    1-2  1-6  2-3  3-4  4-5  5-6
isolated ring systems :
    containing 1 : 11 :

G1:[*1],[*2]

Connectivity :
    10:2 E exact RC ring/chain  18:2 E exact RC ring/chain
    19:1 E exact RC ring/chain
Match level :
    1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  10:CLASS
    11:CLASS  13:CLASS  14:CLASS  15:Atom  16:Atom  17:Atom  18:CLASS  19:CLASS
    20:CLASS  21:CLASS  25:CLASS
```

C:\Program Files\Stnexp\Queries\10509417-II2.str





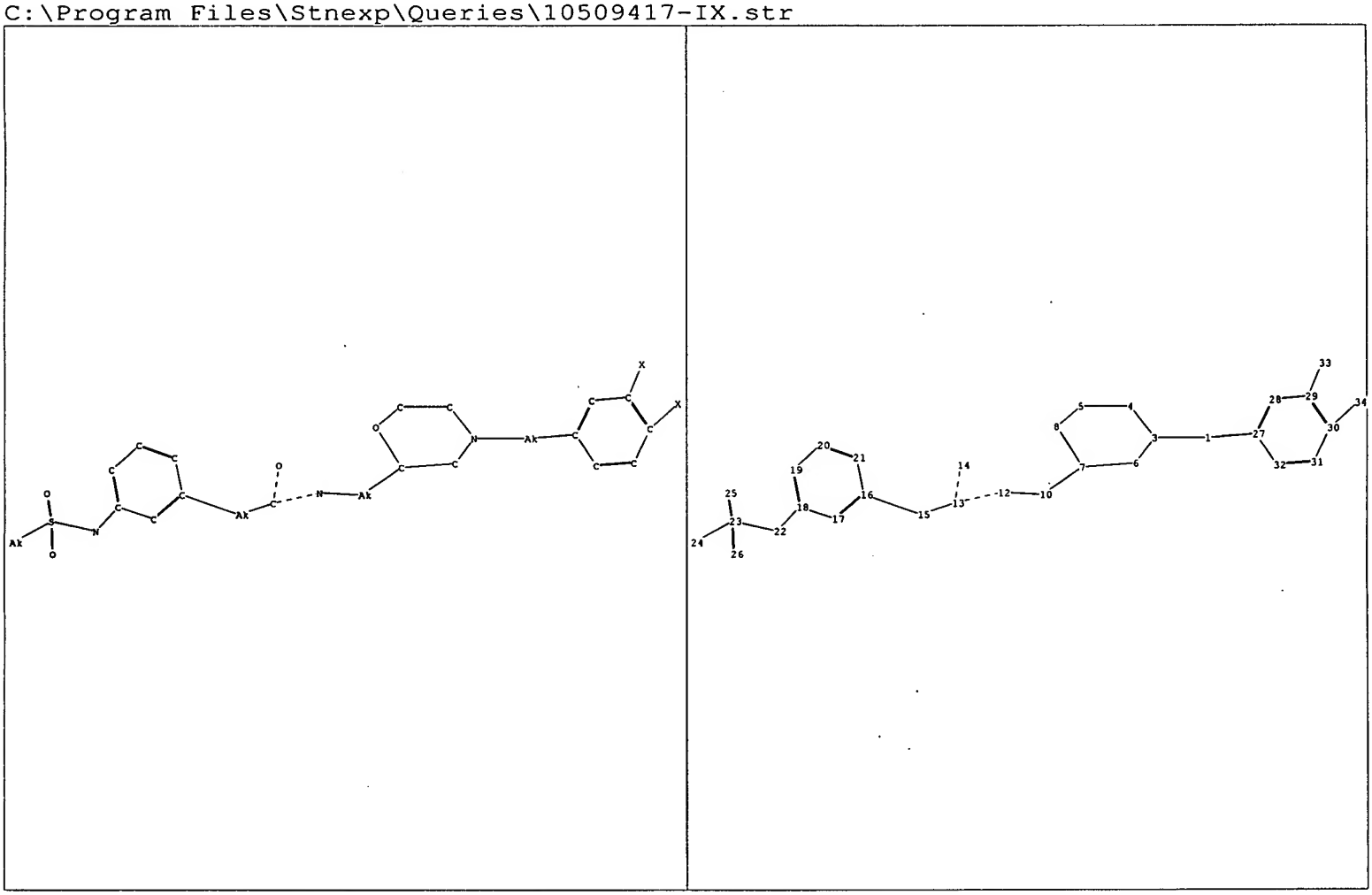
```
chain nodes :
    1  2  3  5  14  15  16  17  21
ring nodes :
    7  8  9  10  11  12
chain bonds :
    1-2  1-3  1-5  5-7  11-14  14-21  16-17
ring bonds :
    7-8  7-10  8-9  9-12  10-11  11-12
exact/norm bonds :
    1-5  5-7  7-8  7-10  8-9  9-12  10-11  11-12  11-14  14-21  16-17
exact bonds :
    1-2  1-3
isolated ring systems :
    containing 7 :


G1:[*1],[*2]

Connectivity :
    5:2 E exact RC ring/chain  14:2 E exact RC ring/chain
    16:1 E exact RC ring/chain
Match level :
    1:Atom  2:CLASS  3:CLASS  5:CLASS  7:CLASS  8:Atom  9:Atom  10:Atom
    11:Atom  12:Atom  14:CLASS  15:CLASS  16:CLASS  17:CLASS  21:CLASS
Generic attributes :
    1:
    Saturation              : Unsaturated
    Number of Carbon Atoms  : less than 7
    Type of Ring System     : Monocyclic

Element Count :
    Node 1: Limited
        C,C6
```

C:\Program Files\Stnexp\Queries\10509417-IX.str

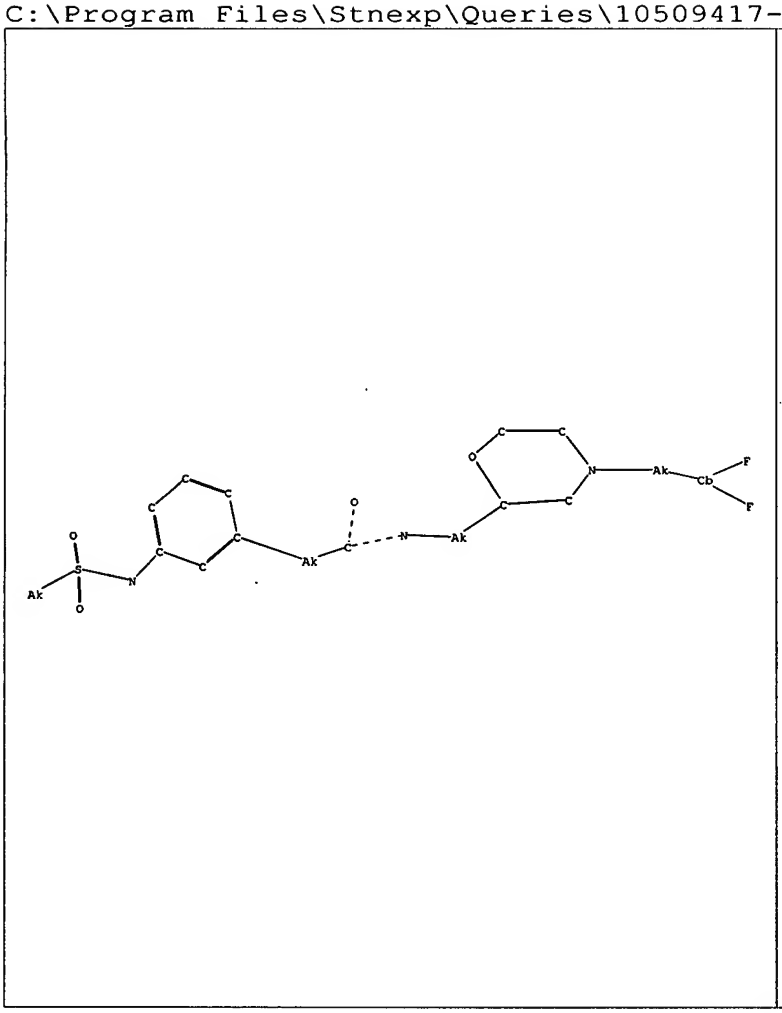


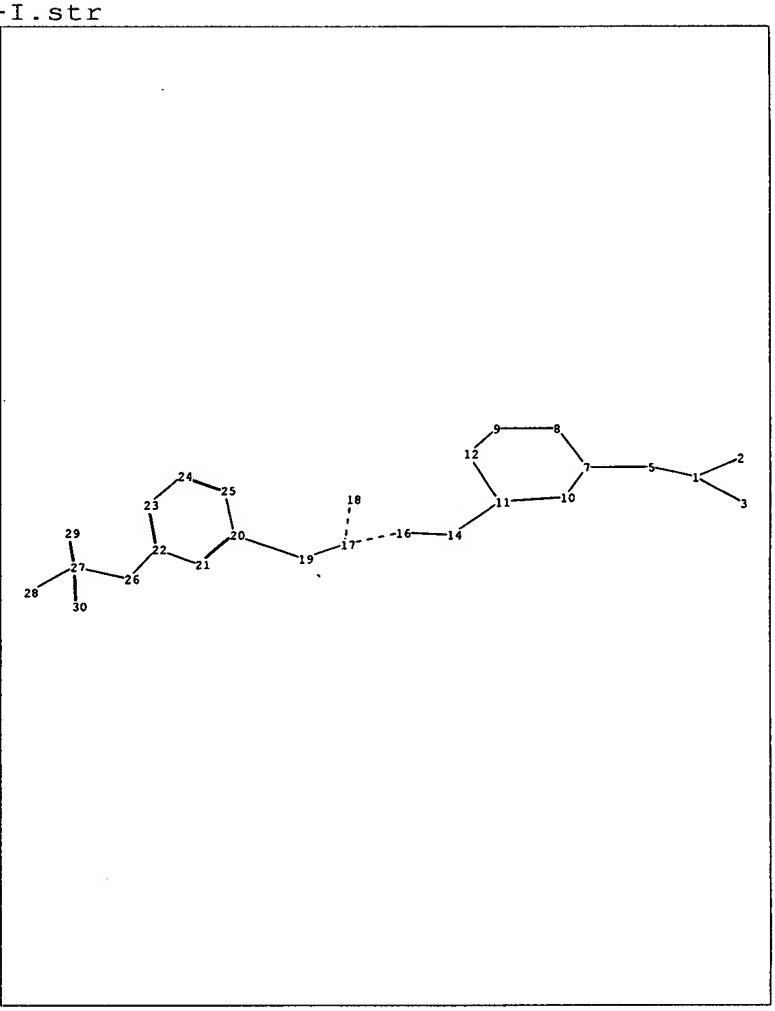
chain nodes :
1 10 12 13 14 15 22 23 24 25 26 33 34
ring nodes :
3 4 5 6 7 8 16 17 18 19 20 21 27 28 29 30 31 32
chain bonds :
1-3 1-27 7-10 10-12 12-13 13-14 13-15 15-16 18-22 22-23 23-24
23-25 23-26 29-33 30-34
ring bonds :
3-4 3-6 4-5 5-8 6-7 7-8 16-17 16-21 17-18 18-19 19-20 20-21
27-28 27-32 28-29 29-30 30-31 31-32
exact/norm bonds :
1-3 1-27 3-4 3-6 4-5 5-8 6-7 7-8 7-10 10-12 12-13 13-14 13-15
15-16 18-22 22-23 23-24 23-25 23-26
exact bonds :
29-33 30-34
normalized bonds :
16-17 16-21 17-18 18-19 19-20 20-21 27-28 27-32 28-29 29-30 30-31
31-32
isolated ring systems :
containing 3 : 16 : 27 :

G1

Connectivity :
1:2 E exact RC ring/chain 10:2 E exact RC ring/chain
15:2 E exact RC ring/chain 24:1 E exact RC ring/chain
Match level :
1:CLASS 3:CLASS 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 10:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:Atom 17:CLASS 18:CLASS
19:CLASS 20:Atom 21:Atom 22:CLASS 23:CLASS 24:CLASS 25:CLASS
26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:CLASS
34:CLASS

C:\Program Files\Stnexp\Queries\10509417-I.str





chain nodes :
1 2 3 5 14 16 17 18 19 26 27 28 29 30
ring nodes :
7 8 9 10 11 12 20 21 22 23 24 25
chain bonds :
1-2 1-3 1-5 5-7 11-14 14-16 16-17 17-18 17-19 19-20 22-26 26-27
27-28 27-29 27-30
ring bonds :
7-8 7-10 8-9 9-12 10-11 11-12 20-21 20-25 21-22 22-23 23-24
24-25
exact/norm bonds :
1-5 5-7 7-8 7-10 8-9 9-12 10-11 11-12 11-14 14-16 16-17 17-18
17-19 19-20 22-26 26-27 27-28 27-29 27-30
exact bonds :
1-2 1-3
normalized bonds :
20-21 20-25 21-22 22-23 23-24 24-25
isolated ring systems :
containing 7 : 20 :

G1

Connectivity :
5:2 E exact RC ring/chain 14:2 E exact RC ring/chain
19:2 E exact RC ring/chain 28:1 E exact RC ring/chain
Match level :
1:Atom 2:CLASS 3:CLASS 5:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 14:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom
21:CLASS 22:CLASS 23:CLASS 24:Atom 25:Atom 26:CLASS 27:CLASS
28:CLASS 29:CLASS 30:CLASS
Generic attributes :
1:
Saturation : Unsaturated

Number of Carbon Atoms : less than 7
Type of Ring System : Monocyclic

Element Count :
Node 1: Limited
C,C6